Name of Work: Package-4 1.Improvement of road and 10th 11th 13th main roads at Judicial layout in ward no 04. 2.Improvement of road and drain at Sharadanagara in ward no.04. 3.Improvement of roads and drains balance main and cross roads of A sector in ward no 04.

Date of Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
15	KSRRB M500- 15. Providing, laying bituminousConcrete using 40/60 THP capacity H.M.P with Mechanical paver Gr-II (30mm to 45mm), crushed aggregates of specified grading premixed with 5.4% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade,rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH							
	A Sector							
	Corporation bank road							
	Ch:0.00m to 30.00m		1	30.00	(6.70 + 6.00)/2	0.04	7.62	
	Ch:30.00m to 60.00m		1	30.00	(6.00 + 6.00)/2	0.04	7.20	
	Ch:60.00m to 90.00m		1	30.00	(6.00 + 6.30)/2	0.04	7.38	
	Ch:90.00m to 120.00m		1	30.00	(6.30 + 5.50)/2	0.04	7.08	
	Ch:120.00m to 150.00m		1	30.00	(5.50 + 5.00)/2	0.04	6.30	
	Ch:150.00m to 180.00m		1	30.00	(5.00 + 5.60)/2	0.04	6.36	
	Ch:180.00m to 210.00m		1	30.00	(5.60 + 5.50)/2	0.04	6.66	
	Ch:210.00m to 240.00m		1	30.00	(5.50 + 5.50)/2	0.04	6.60	
	Ch:240.00m to 270.00m		1	30.00	(5.50 + 6.00)/2	0.04	6.90	
	Ch:270.00m to 300.00m		1	30.00	(6.00 + 5.90)/2	0.04	7.14	
	Ch:300.00m to 305.00m		1	5.00	(5.90 + 5.90)/2	0.04	1.18	
	5th A main							
	Ch:0.00m to 30.00m		1	30.00	(5.80 + 4.50)/2	0.04	6.18	
	Ch:30.00m to 60.00m		1	30.00	(4.50 + 4.90)/2	0.04	5.64	
	Ch:60.00m to 90.00m		1	30.00	(4.90 + 5.90)/2	0.04	6.48	
	Ch:90.00m to 120.00m		1	30.00	(5.90 + 6.00)/2	0.04	7.14	

E.E. (Project)

Ramaqeerly 12/6/13

Contractor

Assistant Engineer

Newzen Consultants Bangalore

Asst Executive Engineer 12/6

	Ch:120.00m to 150.00m		1	30.00	6.00 + 5.40 / 2	0.04	6.84	
	Ch:150.00m to 180.00m		1	30.00	5.40 + 5.10 / 2	0.04	6.30	
	Ch:180.00m to 210.00m		1	30.00	5.10 + 5.40 / 2	0.04	6.30	
	Ch:210.00m to 240.00m		1	30.00	5.40 + 5.20 / 2	0.04	6.36	
	Ch:240.00m to 257.00m		1	17.00	5.20 + 6.20 / 2	0.04	3.88	
	13th A main							
	Ch:0.00m to 30.00m		1	30.00	4.30 + 4.10 / 2	0.04	5.04	
	Ch:30.00m to 58.60m		1	28.60	4.10 + 3.80 / 2	0.04	4.52	
	# 599 Palax							
	Ch:0.00m to 30.00m		1	30.00	4.10 + 3.60 / 2	0.04	4.62	
	Ch:30.00m to 60.00m		1	30.00	3.60 + 3.70 / 2	0.04	4.38	
	Ch:60.00m to 90.00m		1	30.00	3.70 + 3.80 / 2	0.04	4.50	
	Ch:90.00m to 120.00m		1	30.00	3.80 + 3.80 / 2	0.04	4.56	
	Ch:120.00m to 150.00m		1	30.00	3.80 + 3.90 / 2	0.04	4.62	
	Ch:150.00m to 151.00m		1	1.00	3.90 + 3.90 / 2	0.04	0.16	
	12th A cross							
	Ch:0.00m to 30.00m		1	30.00	3.70 + 4.00 / 2	0.04	4.62	
	Mathru layout							
	7th cross							
	Ch:0.00m to 30.00m		1	30.00	7.00 + 6.00 / 2	0.04	7.80	
	Ch:30.00m to 60.00m		1	30.00	6.00 + 5.50 / 2	0.04	6.90	
	Ch:60.00m to 90.00m		1	30.00	5.50 + 5.60 / 2	0.04	6.66	
	Ch:90.00m to 120.00m		1	30.00	5.60 + 6.20 / 2	0.04	7.08	
	Ch:120.00m to 150.00m		1	30.00	6.20 + 6.00 / 2	0.04	7.32	
	Ch:150.00m to 180.00m		1	30.00	6.00 + 6.10 / 2	0.04	7.26	

Contractor

12/6/13

Assistant Engineer

Newzen Consultants Bangalore

Asst Executive Engineer

12/6

	Ch:180.00m to 210.00m		1	30.00	6.10 + 6.80 / 2	0.04	7.74	
	Ch:210.00m to 240.00m		1	30.00	6.80 + 6.60 / 2	0.04	8.04	
	Ch:240.00m to 270.00m		1	30.00	6.60 + 6.50 / 2	0.04	7.86	
	Ch:270.00m to 300.00m		1	30.00	6.50 + 6.20 / 2	0.04	7.62	
	Ch:300.00m to 330.00m		1	30.00	6.20 + 6.60 / 2	0.04	7.68	
	Ch:330.00m to 349.60m		1	19.60	6.60 + 6.20 / 2	0.04	5.02	
	5th cross							
	Ch:0.00m to 30.00m		1	30.00	5.80 + 6.40 / 2	0.04	7.32	
	Ch:30.00m to 60.00m		1	30.00	6.40 + 5.90 / 2	0.04	7.38	
	Ch:60.00m to 90.00m		1	30.00	5.90 + 6.60 / 2	0.04	7.50	
	Ch:90.00m to 120.00m		1	30.00	6.60 + 5.90 / 2	0.04	7.50	
	Ch:120.00m to 150.00m		1	30.00	5.90 + 5.50 / 2	0.04	6.84	
	Ch:150.00m to 158.70m		1	8.70	5.50 + 5.90 / 2	0.04	1.98	
	3rd cross							
	Ch:0.00m to 25.40m		1	25.40	6.50 + 6.40 / 2	0.04	6.55	
	Ch:0.00m to 30.00m		1	30.00	7.00 + 6.60 / 2	0.04	8.16	
	Ch:30.00m to 60.00m		1	30.00	6.60 + 6.90 / 2	0.04	8.10	
	Ch:60.00m to 90.00m		1	30.00	6.90 + 5.10 / 2	0.04	7.20	
	Ch:90.00m to 120.00m		1	30.00	5.10 + 6.20 / 2	0.04	6.78	
	Ch:120.00m to 150.00m		1	30.00	6.20 + 5.10 / 2	0.04	6.78	
	Ch:150.00m to 180.00m		1	30.00	5.10 + 4.60 / 2	0.04	5.82	
	Ch:180.00m to 210.00m		1	30.00	4.60 + 4.90 / 2	0.04	5.70	

E.E. (Project)

Recommended 12/6/18

Contractor

Newzen Consultants Bangalore

Assistant Engineer

Asst Executive Engineer

	Ch:210.00m to 240.00m		1	30.00	4.90 + 4.90 / 2	0.04	5.88	
	Ch:240.00m to 242.00m		1	2.00	4.90 + 4.90 / 2	0.04	0.39	
	Sharadanagar							
	2nd main							
	Ch:0.00m to 30.00m		1	30.00	6.60 + 6.60 / 2	0.04	7.92	
	Ch:30.00m to 60.00m		1	30.00	6.60 + 6.60 / 2	0.04	7.92	
	Ch:60.00m to 90.00m		1	30.00	6.60 + 5.70 / 2	0.04	7.38	
	Ch:90.00m to 120.00m		1	30.00	5.70 + 5.70 / 2	0.04	6.84	
	Ch:120.00m to 150.00m		1	30.00	5.70 + 6.50 / 2	0.04	7.32	
	Ch:150.00m to 180.00m		1	30.00	6.50 + 6.20 / 2	0.04	7.62	
	Ch:180.00m to 210.00m		1	30.00	6.20 + 5.20 / 2	0.04	6.84	
	Ch:210.00m to 240.00m		1	30.00	5.20 + 4.90 / 2	0.04	6.06	
	Ch:240.00m to 270.00m		1	30.00	4.90 + 5.20 / 2	0.04	6.06	
	Ch:270.00m to 300.00m		1	30.00	5.20 + 5.00 / 2	0.04	6.12	
	Ch:300.00m to 330.00m		1	30.00	5.00 + 5.50 / 2	0.04	6.30	
	Ch:330.00m to 336.00m		1	6.00	5.50 + 5.50 / 2	0.04	1.32	
	Shiva temple road							
	Ch:0.00m to 30.00m		1	30.00	4.90 + 4.20 / 2	0.04	5.46	
	Ch:30.00m to 60.00m		1	30.00	4.20 + 4.70 / 2	0.04	5.34	
	Ch:60.00m to 78.00m		1	18.00	3.70 + 4.00 / 2	0.04	2.77	
	Cross road - 1							
	Ch:0.00m to 30.00m		1	30.00	5.20 + 3.50 / 2	0.04	5.22	
	Ch:30.00m to 51.00m		1	21.00	3.50 + 5.30 / 2	0.04	3.70	
	Cross road - 2							
	Ch:0.00m to 30.00m		1	30.00	4.30 + 4.70 / 2	0.04	5.40	

E.E. (Project) 14/6

Ramayeer 12/6/18 14/6

Contractor

Newzen Consultants Bangalore

Assistant Engineer

12/6

Asst Executive Engineer

	Ch:30.00m to 60.00m		1	30.00	4.70 + 4.60 / 2	0.04	5.58	
	Ch:60.00m to 90.00m		1	30.00	4.60 + 4.30 / 2	0.04	5.34	
	Ch:90.00m to 120.00m		1	30.00	4.30 + 4.00 / 2	0.04	4.98	
	Ch:120.00m to 138.00m		1	18.00	4.00 + 3.00 / 2	0.04	2.52	
	Cross road - 3							
	Ch:0.00m to 30.00m		1	30.00	7.20 + 8.20 / 2	0.04	9.24	
	Ch:30.00m to 60.00m		1	30.00	8.20 + 7.00 / 2	0.04	9.12	
	Ch:60.00m to 90.00m		1	30.00	7.00 + 3.30 / 2	0.04	6.18	
	Ch:90.00m to 105.00m		1	15.00	3.30 + 3.50 / 2	0.04	2.04	
	Ch:0.00m to 30.00m		1	30.00	4.00 + 4.00 / 2	0.04	4.80	
	Ch:30.00m to 60.00m		1	30.00	4.00 + 4.00 / 2	0.04	4.80	
	Ch:60.00m to 67.00m		1	7.00	4.00 + 4.20 / 2	0.04	1.15	
	Ch:0.00m to 30.00m		1	30.00	4.20 + 4.10 / 2	0.04	4.98	
	Ch:30.00m to 60.00m		1	30.00	4.10 + 3.70 / 2	0.04	4.68	
	Ch:60.00m to 90.00m		1	30.00	3.70 + 4.30 / 2	0.04	4.80	
	Ch:90.00m to 92.00m		1	2.00	4.30 + 4.30 / 2	0.04	0.34	
	Cross road - 4							
	Ch:0.00m to 30.00m		1	30.00	3.50 + 4.00 / 2	0.04	4.50	
	Ch:30.00m to 60.00m		1	30.00	4.00 + 4.20 / 2	0.04	4.92	
	Ch:60.00m to 68.00m		1	8.00	4.20 + 4.30 / 2	0.04	1.36	
	Cross road - 5							
	Ch:0.00m to 30.00m		1	30.00	3.80 + 3.80 / 2	0.04	4.56	
	Ch:30.00m to 60.00m		1	30.00	3.80 + 4.40 / 2	0.04	4.92	
	Ch:60.00m to 68.00m		1	8.00	4.40 + 4.50 / 2	0.04	1.42	

E.E. (Project)

Ramajeeraju 12/6/18

Contractor

Assistant Engineer

Newzen Consultants Bangalore

Asst Executive Engineer

	Cross road - 6								
	Ch:0.00m to 30.00m		1	30.00	$\frac{4.30 + 3.80}{2}$	0.04	4.86		
	Ch:30.00m to 60.00m		1	30.00	$\frac{3.80 + 3.60}{2}$	0.04	4.44		
	Ch:60.00m to 63.00m		1	3.00	$\frac{3.60 + 3.60}{2}$	0.04	0.43		
	Cross road - 7								
	Ch:0.00m to 13.50m		1	13.50	$\frac{5.20 + 4.50}{2}$	0.04	2.62		
	Cross road - 8								
	Ch:0.00m to 25.00m		1	25.00	$\frac{5.30 + 3.80}{2}$	0.04	4.55		
	Cross road - 9								
	Ch:0.00m to 30.00m		1	30.00	$\frac{5.00 + 4.50}{2}$	0.04	5.70		
	Ch:30.00m to 50.90m		1	20.90	$\frac{4.50 + 4.30}{2}$	0.04	3.68		
	Cross road - 10								
	Ch:0.00m to 30.00m		1	30.00	$\frac{4.20 + 5.00}{2}$	0.04	5.52		
	Ch:30.00m to 51.00m		1	21.00	$\frac{5.00 + 5.20}{2}$	0.04	4.28		
	Main Road								
	Ch:0.00m to 30.00m		1	30.00	$\frac{6.60 + 6.80}{2}$	0.04	8.04		
	Ch:30.00m to 60.00m		1	30.00	$\frac{6.80 + 6.50}{2}$	0.04	7.98		
	Ch:60.00m to 90.00m		1	30.00	$\frac{6.50 + 6.40}{2}$	0.04	7.74		
	Ch:90.00m to 120.00m		1	30.00	$\frac{6.40 + 5.60}{2}$	0.04	7.20		
	Ch:120.00m to 150.00m		1	30.00	$\frac{5.60 + 4.90}{2}$	0.04	6.30		
	Ch:150.00m to 180.00m		1	30.00	$\frac{4.90 + 5.10}{2}$	0.04	6.00		
	Ch:180.00m to 205.00m		1	25.00	$\frac{5.10 + 5.00}{2}$	0.04	5.05		
	cross road								
	Ch:0.00m to 30.00m		1	30.00	$\frac{5.70 + 6.50}{2}$	0.04	7.32		
	Ch:30.00m to 57.00m		1	27.00	$\frac{6.50 + 4.60}{2}$	0.04	5.99		

E.E. (Project) 14/6

Ramayeeta 12/6/18

Contractor

Assistant Engineer

Newzen Consultants Bangalore

Asst Executive Engineer

	Brite Education Institution								
	Ch:0.00m to 30.00m		1	30.00	7.50 + 7.20 / 2	0.04	8.82		
	Ch:30.00m to 60.00m		1	30.00	7.20 + 6.70 / 2	0.04	8.34		
	Ch:60.00m to 90.00m		1	30.00	6.70 + 6.50 / 2	0.04	7.92		
	Ch:90.00m to 120.00m		1	30.00	6.50 + 6.20 / 2	0.04	7.62		
	Ch:120.00m to 150.00m		1	30.00	6.20 + 6.10 / 2	0.04	7.38		
	Ch:150.00m to 180.00m		1	30.00	6.10 + 5.60 / 2	0.04	7.02		
	Ch:180.00m to 210.00m		1	30.00	5.60 + 5.80 / 2	0.04	6.84		
	Ch:210.00m to 218.00m		1	8.00	5.80 + 6.00 / 2	0.04	1.89		
	Chikkabommasandra near temple								
	Ch:0.00m to 30.00m		1	30.00	4.30 + 4.50 / 2	0.04	5.28		
	Ch:30.00m to 44.00m		1	14.00	4.50 + 4.60 / 2	0.04	2.55		
	Ch:0.00m to 30.00m		1	30.00	4.20 + 3.70 / 2	0.04	4.74		
	Ch:30.00m to 50.00m		1	20.00	3.70 + 4.60 / 2	0.04	3.32		
	Chikkabommasandra - 5th cross								
	Ch:0.00m to 30.00m		1	30.00	4.40 + 3.60 / 2	0.04	4.80		
	Ch:30.00m to 60.00m		1	30.00	3.60 + 2.90 / 2	0.04	3.90		
	Ch:60.00m to 63.00m		1	3.00	2.90 + 2.90 / 2	0.04	0.35		
	3rd main - Chikkabommasandra								
	Ch:0.00m to 30.00m		1	30.00	6.90 + 5.80 / 2	0.04	7.62		
	Ch:30.00m to 60.00m		1	30.00	5.80 + 6.90 / 2	0.04	7.62		
	Ch:60.00m to 80.00m		1	20.00	6.90 + 7.00 / 2	0.04	5.56		
	Ch:0.00m to 30.00m		1	30.00	5.20 + 4.00 / 2	0.04	5.52		
	Ch:30.00m to 37.00m		1	7.00	4.00 + 4.10 / 2	0.04	1.13		

E.E. (Project)

Ramaiah 12/6/18

Contractor

Assistant Engineer

Newzen Consultants Bangalore

Asst Executive Engineer

	Ch:0.00m to 30.00m		1	30.00	6.50 + 5.50 / 2	0.04	7.20	
	Ch:30.00m to 60.00m		1	30.00	5.50 + 6.30 / 2	0.04	7.08	
	Ch:60.00m to 90.00m		1	30.00	6.30 + 5.40 / 2	0.04	7.02	
	Ch:90.00m to 120.00m		1	30.00	5.40 + 6.00 / 2	0.04	6.84	
	Ch:120.00m to 150.00m		1	30.00	6.00 + 6.50 / 2	0.04	7.50	
	Ch:150.00m to 180.00m		1	30.00	6.50 + 6.50 / 2	0.04	7.80	
	Ch:180.00m to 196.00m		1	16.00	6.50 + 6.00 / 2	0.04	4.00	
	Judicial Layout							
	19th main							
	Ch:0.00m to 30.00m		1	30.00	5.60 + 4.20 / 2	0.04	5.88	
	Ch:30.00m to 60.00m		1	30.00	4.20 + 5.00 / 2	0.04	5.52	
	Ch:60.00m to 90.00m		1	30.00	5.00 + 5.20 / 2	0.04	6.12	
	Ch:90.00m to 120.00m		1	30.00	5.20 + 4.00 / 2	0.04	5.52	
	Ch:120.00m to 150.00m		1	30.00	4.00 + 5.30 / 2	0.04	5.58	
	Ch:150.00m to 180.00m		1	30.00	5.30 + 5.00 / 2	0.04	6.18	
	Ch:180.00m to 185.00m		1	5.00	5.00 + 5.00 / 2	0.04	1.00	
	24th cross							
	Ch:0.00m to 30.00m		1	30.00	5.10 + 5.00 / 2	0.04	6.06	
	Ch:30.00m to 60.00m		1	30.00	5.00 + 4.60 / 2	0.04	5.76	
	Ch:60.00m to 82.00m		1	22.00	4.60 + 5.10 / 2	0.04	4.27	
	25th cross							
	Ch:0.00m to 30.00m		1	30.00	4.80 + 5.00 / 2	0.04	5.88	
	Ch:30.00m to 54.80m		1	24.80	5.00 + 6.10 / 2	0.04	5.51	
	26th cross							
	Ch:0.00m to 30.00m		1	30.00	5.70 + 5.00 / 2	0.04	6.42	

Contractor

Newzen Consultants Bangalore

Assistant Engineer

Asst Executive Engineer

	Ch:30.00m to 57.00m		1	27.00	5.00 + 6.00 / 2	0.04	5.94	
	27th cross							
	Ch:0.00m to 26.00m		1	26.00	6.80 + 5.80 / 2	0.04	6.55	
	Ch:32.00m to 60.00m		1	28.00	7.50 + 6.30 / 2	0.04	7.73	
	Ch:60.00m to 90.00m		1	30.00	6.30 + 6.80 / 2	0.04	7.86	
	Ch:90.00m to 120.00m		1	30.00	6.80 + 6.50 / 2	0.04	7.98	
	Ch:120.00m to 124.50m		1	4.50	6.50 + 6.40 / 2	0.04	1.16	
	20th main							
	Ch:0.00m to 30.00m		1	30.00	7.10 + 6.70 / 2	0.04	8.28	
	Ch:30.00m to 60.00m		1	30.00	6.70 + 7.20 / 2	0.04	8.34	
	Ch:60.00m to 90.00m		1	30.00	7.20 + 6.50 / 2	0.04	8.22	
	Ch:90.00m to 120.00m		1	30.00	6.50 + 7.00 / 2	0.04	8.10	
	Ch:120.00m to 150.00m		1	30.00	7.00 + 7.10 / 2	0.04	8.46	
	Ch:150.00m to 176.50m		1	26.50	7.10 + 7.10 / 2	0.04	7.53	
	18th main							
	Ch:0.00m to 30.00m		1	30.00	6.80 + 7.60 / 2	0.04	8.64	
	Ch:30.00m to 60.00m		1	30.00	7.60 + 6.80 / 2	0.04	8.64	
	Ch:60.00m to 90.00m		1	30.00	6.80 + 7.00 / 2	0.04	8.28	
	Ch:90.00m to 120.00m		1	30.00	7.00 + 6.60 / 2	0.04	8.16	
	Ch:120.00m to 150.00m		1	30.00	6.60 + 6.20 / 2	0.04	7.68	
	Ch:150.00m to 180.00m		1	30.00	6.20 + 7.20 / 2	0.04	8.04	
	Ch:180.00m to 210.00m		1	30.00	7.20 + 6.70 / 2	0.04	8.34	
	Ch:210.00m to 240.00m		1	30.00	6.70 + 6.30 / 2	0.04	7.80	
	Ch:240.00m to 253.00m		1	13.00	6.30 + 7.60 / 2	0.04	3.61	

Ramarajaiah
12/6/18

Contractor

Newzen Consultants Bangalore

Assistant Engineer

Asst Executive Engineer

	23rd cross							
	Ch:0.00m to 30.00m	1	30.00	4.90 + 5.20 / 2	0.04	6.06		
	Ch:30.00m to 60.00m	1	30.00	5.20 + 3.90 / 2	0.04	5.46		
	Ch:60.00m to 80.50m	1	20.50	3.90 + 5.70 / 2	0.04	3.94		
	17th main							
	Ch:0.00m to 30.00m	1	30.00	6.10 + 4.40 / 2	0.04	6.30		
	Ch:30.00m to 60.00m	1	30.00	4.40 + 4.90 / 2	0.04	5.58		
	Ch:60.00m to 90.00m	1	30.00	4.90 + 4.40 / 2	0.04	5.58		
	Ch:90.00m to 100.00m	1	10.00	4.40 + 4.80 / 2	0.04	1.84		
	25th cross							
	Ch:0.00m to 30.00m	1	30.00	4.80 + 4.60 / 2	0.04	5.64		
	Ch:30.00m to 60.00m	1	30.00	4.60 + 4.10 / 2	0.04	5.22		
	Ch:60.00m to 90.00m	1	30.00	4.10 + 4.30 / 2	0.04	5.04		
	Ch:90.00m to 115.00m	1	25.00	4.30 + 5.20 / 2	0.04	4.75		
	24th cross							
	Ch:0.00m to 30.00m	1	30.00	5.20 + 4.00 / 2	0.04	5.52		
	Ch:30.00m to 60.00m	1	30.00	4.00 + 4.10 / 2	0.04	4.86		
	Ch:60.00m to 86.50m	1	26.50	4.10 + 4.30 / 2	0.04	4.45		
	cross road							
	Ch:0.00m to 30.00m	1	30.00	4.70 + 4.80 / 2	0.04	5.70		
	Ch:30.00m to 60.00m	1	30.00	4.80 + 5.00 / 2	0.04	5.88		
	Ch:60.00m to 90.00m	1	30.00	5.00 + 5.20 / 2	0.04	6.12		
	Ch:90.00m to 120.00m	1	30.00	5.20 + 5.00 / 2	0.04	6.12		
	Ch:120.00m to 128.00m	1	8.00	5.00 + 5.00 / 2	0.04	1.60		
						Present Qty	**1121.30**	**Cum**

E.E. (Project)

Checked

12/6/18

Contractor

Newzen Consultants Bangalore

Assistant Engineer

Asst Executive Engineer